

## METHOD AND SYSTEM FOR PACKING AND UNPACKING WEB PAGES

### Abstract of the Disclosure

5           A method for packing the multiple files and folders  
of an HTML Web page into a single MHTML file. The packing  
process begins by determining whether the user has write  
privileges to the current location. If not, the user is prompted to  
save the MHTML file in an alternate location (e.g., the desktop).  
10 If the user has write privileges to the current location, the process  
opens the main HTML Web page and searches for supporting  
resource files. In short, the supporting resource files are identified  
by searching for known, common resource file references in the  
main HTML source file. When the resource file references have  
15 been identified, the process packages the main HTML document  
and all of the supporting resource files into a single file in  
MHTML format. The unpacking process opens the MHTML file  
and identifies the main HTML document portion, as well as the  
portions of the MHTML file containing the supporting resource  
20 files. Once all of the components have been identified, the Web  
page's folder structure is determined by referring to the content  
location field contained in each separate portion of the MHTML  
file. The individual MHTML components are converted into files  
and the main HTML file is stored. The resource files are stored in  
25 locations relative to the main HTML file, as identified by the  
unpacked folder structure.

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